INDEX TO AMERICAN DOCTORAL DISSERTATIONS

Combined with

Dissertation Abstracts, Vol. XVI, No. 13

1955 - 1956

(Following Doctoral Dissertations Accepted by American Universities, 1954-1955, (Number 22), edited by A. H. Trotier and M. Harman, published by H. W. Wilson, New York, 1955)

Compiled for
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UNIVERSITY MICROFILMS
Ann Arbor, Michigan 1957

INTRODUCTION

This present compilation of doctoral dissertations accepted by American Universities serves two purposes: it is a continuation of Doctoral Dissertation compiled by Trotier and Harman; and it is an index to dissertations abstracted in *Dissertation Abstracts*, volume XVI.

The features and style of the previous volumes sponsored by The Association of Research Libraries have been largely retained, and the statistical tables are comparable.

The expected increase in enrollment which is already affecting higher education has not as yet been felt to a very great extent on the doctoral level, as indicated in the comparative table below:

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
Philosophy	39	59	72	94	105	92	131	104	100	96
Religion	89	102	228	156	190	184	206	152	138	140
Physical Sciences	715	1139	1567	2007	2183	2281	2410	2417	2397	2383
Earth Sciences	70	90	133	179	199	. 198	227	239	232	413
Biological Sciences	604	896	1134	1559	1932	2027	2338	2509	2480	2157
Social Sciences	749	923	1285	1396	2194	2160	2520	2745	2657	2649
Humanities	321	400	434	619	674	719	772	834	808	861
Totals	2,587	3,609	4,853	6,510	7,477	7,661	8,604	9,000	8,812	8,699

Eugene Power

Section Courses

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		Physiology	69
RELIGION	3	Psychology	72 85
PHYSICAL SCIENCES		Zoology	85
Astronomy	5		tree!
Chemistry		SOCIAL SCIENCES	
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^{*}Linguistics are included with literature in all subdivisions, but the word linguistics is omitted in the literature headings for the sake of brevity.

LIST OF CURRENT UNIVERSITY SERIAL PUBLICATIONS ABSTRACTING DISSERTATIONS

	ADDITACING DIDDLITATIONS
Alabama	Thesis and dissertation abstracts, 1956-
	Abstracts of theses, v. 1- 1929/44-
	Thesis abstracts and faculty publications (beginning with 1956 only selected
	masters' theses will be included; has also been decided to eliminate any
	type of restricted or classified theses), v. 1- 1953-
Catholic	Biological studies, abstract series, 1954-
	Studies in economics, abstract series, 1951-
	Studies in sociology, abstract series, 1951-
	Studies in politics, government, and international law, 1953-
	Philosophical studies, (In addition to abstract series number, abstracts
	also given number of regular series.) 1953-
Cincinnati. Teachers College	Abstracts: graduate theses in education, v. 1- 1927/31-
	Dissertations and theses, 1953- (In its Bulletin)
	The University of Colorado studies: general series, 1929-1956//
	Abstracts of field studies for the degree of doctor of education, v. 1- 1940-
	Doctor of education project reports. (In Teachers College record, Nov.
	1948-)
Fletcher	
	Abstracts of doctoral studies in education, v. 1- 1952-
	Dissertations accepted for higher degrees in the Graduate School of Arts
	and Sciences, v. 1- 1933-
George Washington	Summaries of doctoral dissertations, 1925/28-
	Abstracts of theses, v. 1- 1950/52-
	Abstracts of doctoral theses, 1952- (In its Bulletin)
	Bulletin of the Institute of Paper Chemistry, v. 1- 1930-
	Abstracts in history from dissertations for the degree of doctor of philos-
	ophy, 1922/30- (In its Studies in the social sciences)
	Doctoral dissertations; abstracts and references, v. 1- 1900/37- (In
	University of Iowa studies, new ser.)
Kansas State Coll	Abstracts of dissertations for the degree doctor of philosophy, 1933/55-
	Abstracts of dissertations, titles of theses, 1935/36-1952/54// (In its
	University bulletin)
Mississippi State	Abstracts of theses, 1955-
Missouri	University of Missouri bulletin, abstracts of dissertations in education,
	accepted by University of Missouri, 1938-
New York State Univ.	property of the contract of th
(Coll. of Forestry)	Graduate theses 1944-54, State University College of Forestry, 1955-
North Carolina	Research in progress, 1920-
North Carolina State	Faculty publications and research, 1953-
North Dakota	Abstracts of doctoral dissertations and master's theses, v. 1- 1952-
North Texas State	Abstracts of theses, 1941-
Oregon	Oregon. State Board of Higher Education. Graduate theses. University of
	Oregon, Oregon State College, University of Oregon Medical School,
	1932/42-
Oregon State	See above.
Pennsylvania State	Abstracts of doctoral dissertations, v. 1- 1938-1956//
St. John's, Brooklyn	Abstracts of dissertations, v. 1- 1939/41-
	Publications and research in progress of faculty members and graduate
	students, 1946/47- (In its Annual report of the president)
Temple	Teachers college, studies in education and psychology (abstracts), v. 1-
	1934- Abstracts, 1940-1949 (Teachers College)
Texas A. & M	Abstracts of dissertations for the degree of doctor of philosophy [v. 1- to
	be issued in 1956-]
	Abstracts of dissertations and theses, 1885/1937- 1955// (In its Bulletin)
Western Reserve	Western Reserve University bibliography of publications and abstracts of
	dissertations by faculty, fellows and graduate students, 1947-
	Summaries of doctoral dissertations, v. 1- 1935/36-
Wyoming	University of Wyoming publications, 1935-

PUBLICATION, PRESERVATION AND LENDING OF AMERICAN DOCTORAL DISSERTATIONS

About half of the doctoral dissertations written each year are abstracted in Dissertation Abstracts and reproduced in full on microfilm by University Microfilms.

The Association of Research Libraries has endorsed publication by microfilm and the publication of an abstract in *Dissertation Abstracts* as one means of making this material available to scholars and research workers. The seventy-eight institutions participating in this cooperative publication program are to be found in Table I, and are separately listed on the inside front cover.

Graduate schools not requiring the microfilm publication of their doctoral dissertations will usually lend these on interlibrary loan. Inquiries for such dissertations should be addressed to the holding institution through a local reference library.

Dissertations abstracted in *Dissertation Abstracts* may be secured direct from University Microfilms, either as positive microfilm or as Xerox enlargements on paper. This latter service will be found useful to those who wish to avoid the necessity of using a microfilm reader.

TABLE I
Practices of Publication and Loan of Doctoral Dissertations

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
Alabama	No	4/17	Yes	2	Yes	No
Alabama Poly	Yes	Yes ¹	Yes	2	No	No
American	No	Yes1	No	3	Yes	No
Arizona	No	Yes1	No	2	Yes	No
Arkansas	No	Yes1	No	2	Yes ⁵	No
Boston	No	Yes1	Yes	2	Yes	No
Bradley	No	Yes1	No	2	Yes ⁵	No
British Columbia	No	No	No	2	Yes	No
Brooklyn Polytechnic	No	Yes1	No	2	No	No
Brown	No	Yes	No	1	No	No
Bryn Mawr	Yes	Yes1	No	1	No	Yes
Buffalo	No	Yes1	No	2	Yes	No
California, Berkeley	No	No	Yes	1	No	No
California, Los Angeles	No	No	Yes	2	Yes	Yes
California Tech	No	No	No	3	Yes	No
Carnegie Tech	Yes	No	No	2	Yes	Yes
Case Inst. of Technology	No	Yes1	Yes	2	Yes	No
Catholic	Yes	No	Yes	2	Yes	Yes
Chicago	No	Yes	No	1	No	No
Cincinnati	No	Yes1	No ²	2	Yes5	Yes
Claremont	No	Yes1	No	2	Yes	No
Clark	No	Yes1	No	1	No	No
Colorado	No	Yes	No	1	No	No
Colorado Ag. and Mech	No	Yes1	No	2	No	No
Colorado Mines	No	No	No	3	Yes	No
Colorado St. College		Yes1	144000	3		www.Kin.ibi
Columbia	No	Yes1	No	2	Yes	Yes

¹Cooperates with University Microfilms, Ann Arbor, Mich. For additional information see "Introduction" in issues of Dissertation Abstracts.

² Except in Teachers College.

³ Except for Ed.D. dissertations.

⁴ Except for dissertations not microfilmed.

⁵ If no microfilm copy is available.

⁶ Can usually supply microfilm copy.

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
Columbia (Tech. Coll.)	No	No	Yes	2	Yes	Yes
Connecticut	No	Yes1	No	2	Yes5	No
Cornell	No	Yes1	No	2	No	No
Cornell, Teachers College	No	Yes1	No	3	Yes	Yes
Dallas Theol	No	No	No	2	Yes	No
Denver	No	No	No	3	Yes	No
Drew	No	No	No	3	Yes	No
Dropsie	No	Yes	No	2	Yes	Yes
Duke	No	No	No	2	Yes	No
Emory	No	No	No	2	Yes	No
Fletcher	No	No	Yes	2	Yes	No
Florida, Gainesville	No	Yes¹	No ³	2	Yes	Yes
Florida, Tallahassee	No	Yes¹	No	2	Yes ⁵	No
Fordham	No	No	No	2	Yes	No
George Peabody	No	Yes1	Yes	2	Yes ⁵	Yes
George Washington	No	No	Yes	3	Yes	No
George Washington, School of		-10	168	3	168	140
Education	No	No	Yes	3	Yes	No
Georgetown	No	No	No			
Georgia	No	Yes		3	Yes	Yes
	No		No	2	Yes	No
Georgia Tech		No	Yes	2	Yes	No
	No	Yes¹	Yes	1	No	No
Harvard	No	No	No	2	Yes	Yes
Religion	Yes	Yes	No	2	Yes	Yes
Houston	No	Yes¹	No	1	No	No
Illinois	No	Yes ¹	No	2	Yes ⁵	Yes
Illinois (Med. Coll)	No	Yes ¹	No	. 2	Yes5	Yes
Illinois Tech	No	No	No	1	Yes	No
Indiana	No	Yes1	No	2	Yes5	Yes
Institutum Divi Thomae	No	No	No	3	Yes	No
Institute of Paper Chem	No	No	Yes	1	Yes	No
Iowa	No	Yes1	No	1	Yes5	No
Iowa State	No	No	Yes	2	Yes	Yes
Johns Hopkins	No	No	No	2	Yes	Yes
Kansas	No	Yes1	No	2	Yes ⁵	Yes
Kansas State	No	Yes1	No	2	Yes	No
Kentucky	Yes	Yes	No	2	Yes ⁵	Yes
Laval	Yes	No	No	4	No	Yes
Lehigh	No	Yes1	No	i	No	No
Louisiana State	No	Yes¹	No	i	Yes ⁵	No
Loyola, Chicago	No	No	No	3	Yes	No
McGill	No	No	No	2	Yes	No
Maryland	No	Yes¹	No	2	Yes	No
Massachusetts	No	No	No	3	Yes	
Massachusetts Tech	No	No	No	3		No
Michigan	No	Yes¹		able of the	No	No ⁶
Michigan State	No	Yes ¹	No	1	No	No
			No	1	Yes ⁵	Yes
Middlebury	No	No	No	2	Yes	No
Minnesota	No	Yes¹	No	2	Yes	No
Mississippi State	No	No	Yes	2	Yes	No
Missouri	No	Yes¹	No	1	No	No
Nebraska	No	Yes¹	No	2	Yes5	Yes
New Brunswick	No	No	Yes	. 2	Yes	No
New Mexico	No	Yes1	No	2	· Yes5	No
New School for Soc. Res	No	No	No	2	Yes	No
New York	No	Yes1	No ⁴	2	Yes5	Yes

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
New York State Univ. (Coll. of		1 - 2 - 392 - 1			100	
Forestry)	No	No	Yes	2	Yes	No
North Carolina	No	No	Yes	3	Yes	No
North Carolina State	No	Yes¹	Yes	1	No	No
North Dakota	No	Yes	Yes	1	Yes	No
North Texas State College	No	Yes	Yes	2	Yes	No
Northern Baptist Theol	No	No	No	1	Yes	No
Northwestern	No	Yes1	Yes	3	Yes5	Yes
Notre Dame	No	Yes1	No	3	Yes5	Yes
Ohio State	No	Yes1	No	2	Yes	No
Oklahoma	No	Yes¹	No	2	No .	No
Oklahoma A. & M	No	No	No	2	Yes	No
Oregon	No	Yes1	No	2	Yes	No
Oregon State	No	Yes1	No	2	Yes	No
Pennsylvania	No	Yes1	No	0	No	Yes
Pennsylvania State	No	Yes1	Yes	2	Yes	No
Pittsburgh	No	Yes1	No	2	Yes	No
Princeton	No	Yes1	No	2	Yes	Yes
Princeton Theol	No	No	Yes	2	Yes	Yes
Purdue	No	Yes1	No	1	Yes5	Yes
Radcliffe	No	No	No	2	Yes	No
Rensselaer Polytech	No	Yes1	No	1	Yes	No
Rice	No	No	No	2	Yes	No
Rochester	No	No	No	2	Yes	
Rutgers	No	Yes ¹	No	2	Yes ⁵	No
St. John's, Brooklyn	No	No	Yes	2		No
St. Louis	No	Yes ¹	Yes	2	Yes	No
Smith	No	No	No		Yes ⁵	Yes
Univ. of South Carolina	140	Yes ¹	NO	2	Yes	Yes
South Carolina Med	No	No	No	2	Vac	17-
Southern Baptist	No	No	No	2	Yes	No
Southern California	No	No	Yes		Yes	No
Southwestern Baptist	No	No	No	2	Yes	No
Stanford	No	Yes¹		2	Yes	No
	Yes	Yes ¹	No	2	No	No
Syracuse			Yes	1	Yes	No
Temple	No	Yes¹	Yes	2	Yes	Yes
Tennessee	No	Yes¹	No	25	Yes ⁵	No
Texas, University of	No	No	No	2	Yes	No
Texas A & M	No	No	Yes	2	Yes	No
Toronto	No	No	Yes	2	Yes	No
Tulane	No	Yes¹	No	1	Yes	No
Union Theol	No	Yes	No	2	Yes ⁶	Yes
Utah	Yes	Yes¹	No	2	Yes	No
Vanderbilt	No	Yes¹	No	2	Yes ⁵	Yes
Virginia	No	Yes¹	No	3	Yes ⁵	Yes
Virginia Polytech	No	Yes ¹	No	2	Yes	No
Washington, St. Louis	No	Yes ¹	No	1	No	No
Washington, Seattle	No	Yes¹	No	2	Yes ⁵	Yes
Washington State	No	Yes¹	No	2	Yes ⁵	No
Wayne	No	Yes¹	No	2	Yes	No
West Virginia	No	No	No	2	Yes	No
Western Reserve	No	No	Yes	2	Yes	Yes
Wisconsin	No	Yes1	Yes	2	Yes5	No
Wyoming	No	No	Yes	2	Yes	No
Yale	No	Yes	No	2	Yes5	No
Yeshiva	No	Yes1	Yes	0	Yes5	No

STATISTICAL TABLES

A ten-year comparative tabulation of doctoral dissertations by subject fields is shown in Table II.

Table III gives an analysis by universities and by subjects for the current year. Such tables were compiled also for the preceding volumes in this series. In the American Council on Education's American universities and colleges, 3d ed. (p. 54-75) will be found similar tables for the years 1925-35.

In order to avoid misinterpretations, it must be made clear that the lists in this series are not limited to dissertations written for the Ph.D. degree, but that dissertations written for other kinds of doctoral degrees, e.g. in Education, Science, Jurisprudence, Canon Law and Theology, are also included.

SYMBOLS AND ABBREVIATIONS

- † Indicates dissertations accepted prior to academic year covered by this volume, but not previously reported
- * Withheld pending publication.
- (P) ABSTRACTS OF DOCTORAL DISSERTATIONS, Vol. XVIII, 1956// The Pennsylvania State University, University Park, Pennsylvania
- (CS) ABSTRACTS OF FIELD STUDIES FOR THE DEGREE OF DOCTOR OF EDUCATION, Vol. XVII, 1956, Colorado State College of Education, Greeley, Colorado
- (XVI) The various numbers of DISSERTATION ABSTRACTS, Vol. XVI, 1956, may be identified by the following pages numbers:

Volume XVI,	No.	1					pages	1-192
Volume XVI,								
Volume XVI,	No.	3					pages	421-609
Volume XVI,	No.							
Volume XVI,	No.	5					pages	833-1029
Volume XVI,	No.	6					pages	1031-1194
Volume XVI,	No.	7					pages	1195-1305
Volume XVI,	No.	8					pages	1307-1541
Volume XVI,	No.	9					pages	1543-1751
Volume XVI,	No.	10					pages	1753-1975
Volume XVI,	No.	11					pages	1977-2258
Volume XVI,	No.	12					pages	2259-2578

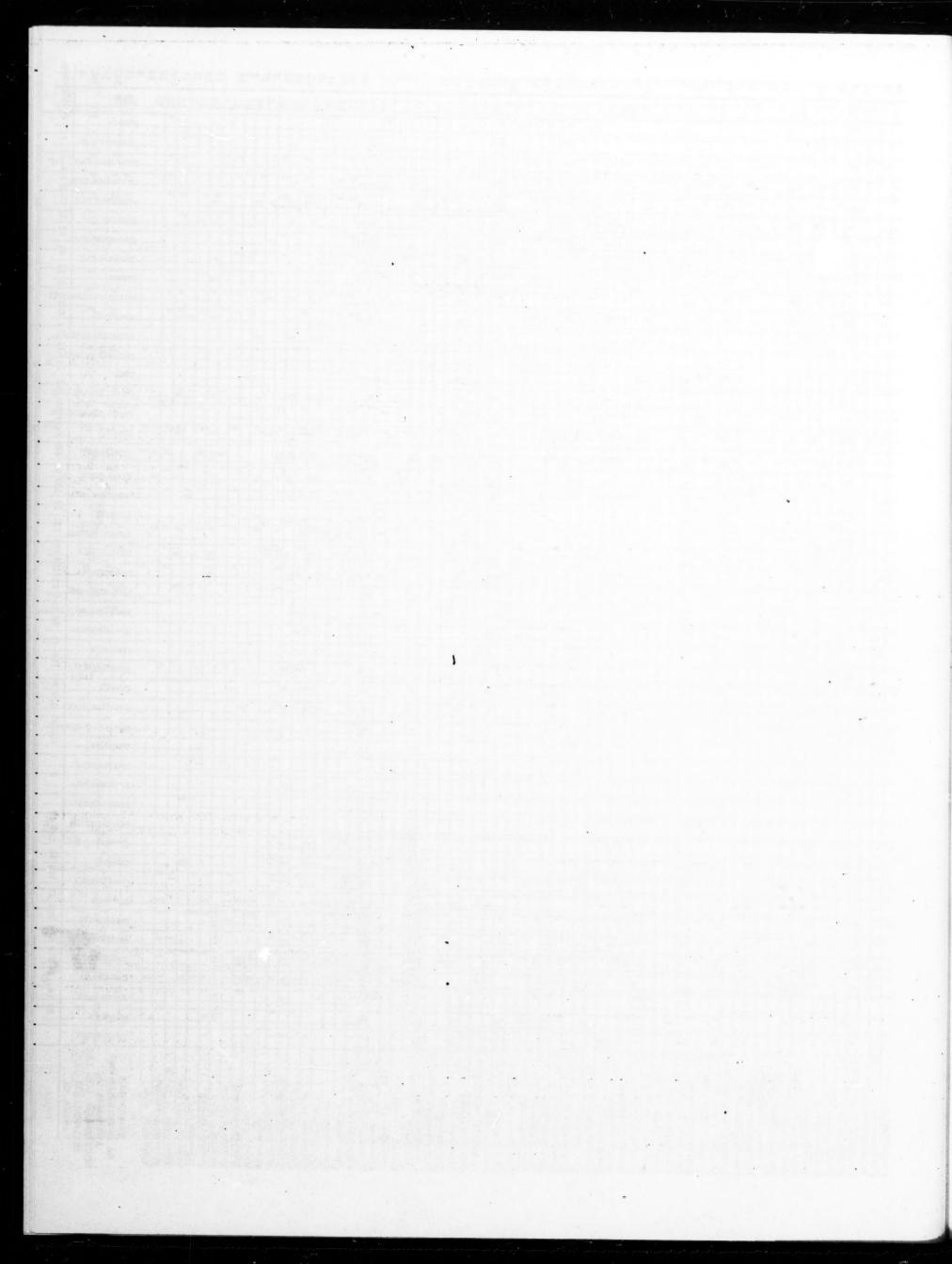
TABLE II

DISTRIBUTION OF DOCTORATES FOR THE YEARS
1955-1956

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
Philosophy	39	59	72	94	105	92	131	104	100	96
Religion	89	102	228	156	190	184	206	152	138	140
Astronomy	4	15	10	17	13	13	20	18	17	24
Chemistry	427	630	884	1098	1110	1101	1164	1169	1150	970
Engineering	55	102	208	271	353	387	395	383	378	572
Mathematics	97	126	112	160	187	204	230	233	249	256
Metallurgy	13	21	39	46	48	73	61	66	75	27
Physics	119	245	314	415	472	503	540	548	528	534
Geography	10	18	18	40	31	33	37	46	52	58
Geology	47	51	73	102	117	115	138	130	131	145
Geophysics	1	1	6	9	13	16	11	20	17	12
Meteorology	8	12	21	15	13	12	15	13	6	7
Mineralogy	2	5	2	5	8	11	9	12	8	9
Paleontology	2	3	13	8	17	11	17	17	18	6
Agriculture	40	66	121	174	185	147	179	225	216	176
Anatomy	7	9	8	21	31	32	47	42	40	35
Bacteriology & Microbiology	80	137	141	164	238	231	281	329	298	189
Biochemistry	105	176	168	258	301	260	307	322	335	307
	68	75	72	76	108	110	149	144	130	154
Botany	28	49	59	73	73	87	81	98	99	41
Entomology	37	39	43	46	66	48	60	55	65	89
Genetics			25		39					
Horticulture	7	11		60		45	66	67	65	114
Medicine & Surgery	26	30	56	40	93	78	69	52	65	29
Pharmacology	10	28	37	60	71	75	86	96	90	104
Physiology	32	39	59	53	70	116	124	131	130	126
Psychology	106	150	248	366	524	636	676	735	740	727
Public Health	6	6	10	35	21	7	17	9	17	22
Zoology	52	81	87	133	112	155	196	205	190	220
Anthropology	17	22	21	39	59	37	37	53	44	44
Economics	167	203	237	392	399	439	408	502	478	429
Education	299	380	571	880	1070	1077	1371	1438	1409	1418
History	112	105	141	203	251	222	263	289	254	284
Home Economics	5	7	3	3	6	7	4	11	8	10
International Law & Relations .	11	39	62	58	62	38	28	52	49	54
Law	7	19	13	23	23	17	12	13	13	23
Library Science	6	5	7	6	3	6	7	3	7	14
Political Science	52	69	110	141	160	142	196	162	167	203
Sociology	75	74	120	151	161	175	194	222	228	170
Art & Archeology	19	20	30	26	39	32	25	31	40	33
Music	16	29	20	43	38	48	53	62	62	84
General Literature	5	1	5	10	6	8	9	15	10	64
Classical Literature & History.	22	29	36	31	28	39	28	42	36	23
English Literature	143	175	166	269	302	279	342	355	345	319
Romance Literature	53	60	74	110	117	133	144	124	119	148
Germanic Literature	14	26	38	48	34	44	34	55	30	51
East European Literature	1	1	5	10	7	16	14	9	17	11
Oriental Literature	19	18	20	25	20	24	15	24	19	26
Speech	27	41	40	47	83	96	108	117	130	102
•										

Speech					- 2	1 1	1	1 6		1 1	1	1 1	1	1 1	1		1 1	1 1	1	1 1	1				-			1				-		100				11		1 1	
	-	+		-	-	11	-	1	-	1	11	-	-	11	+	-	1	-	-	++	-	-	1	-	80	7	-	-	-	-		80	+	2	+	6	-	1	+	1	-
Oriental Lit.		1			1				2	-	1	1	6	1						-	-	4	1		1	11	-		-	-	-	1	-	-	-		6		+	1	+
East European Li	1	1	Ц		1	Ц	1	Ш			11	\sqcup	1	Ц	1		Ц	-		11	Ш	1	Ц	11	1	11			11	4	1	11	-	2	+	1	+	Н	+	\sqcup	1
Germanic Lit.		1	Ш		1	Ш			2		\coprod			8		-	Ш			6	Ш	-	Ц			11	-		Ш	4		2		-	_	8	1	Ш	\perp	\sqcup	1
Romance Lit.			Ц	1	1	Ц		2	9	•	2	Ш	- 6			4	Ц	8		80	Ц	1	Ц	\perp	-	4			11	9		8	1	-		4	1	2	2	8	1
English Lit.				-	2			9	8	1			ma	1		8		19		63	2		00	2	50	9	2			21		4		4		00	9		2		
Classical Lit.			П		T	П		-					8					-		-						-				-		-					-				
General Lit.			П										-	-			П	8		-	-			П		60				-		60	1	4			2 0				
Music			П		2	П					9		- 0	•			1			I					1	-				6		2		8		9	7				
Art & Archaeolog		T	П	1	T	П		-	2		I	П	-	-			П	-		П			П		1	П			П	9	П	П				П		П			
Sociology		-	-	1	-	П			2	-	-		2 4				П	10		П	П		9		- 6	9				4		-		2		4	-	П	-	П	1
Political Science	1	a		1	+	H	6	9	6		-	11	-	2		2	Ħ	8	_	-	П		4	-	1	4	-	9	11	25		9	T	6		60	2	-	T	П	T
Library Science		+	H	+	+	H	+	H		1	11	11	6	+-+	+		H	-	1	11	11	1	\forall	+	1	\forall			11	1	T	-	+	H	\top	H	+	Ħ		H	T
Law	+	+	Н	+	+	H	+	+		1	+	+	+	H	-	+	\forall	60	+	-	H	+	H	+	+	1-	+	-	++	9	+	++	+	H	+	\forall	+	\forall	+	-	+
Inter. Law & Rel.	+	-		1	+	Н	+	H	2	+	++	+	1	1	-		H	6	+	2	H	+	$\dagger \dagger$	-	+	1-	+	2	1.1	+	1	1-1	+	-	+	-	+	\forall	+	H	+
Home Economics	+	+	H	+	+	H	+	+	+	+	++	+	+	H	+		H	+	+	2	\forall	+	H	+	-	+	+	+	++	+	+	++	+	+	+	H	+	H	+	H	+
	-	-	H	+	+	Н	+	7 2	-	1		+	20	1	+	2	H	-	+	6	H	+		+	6	2		80	++	-	+	9	+	7	+	6	9	+	2	H	_
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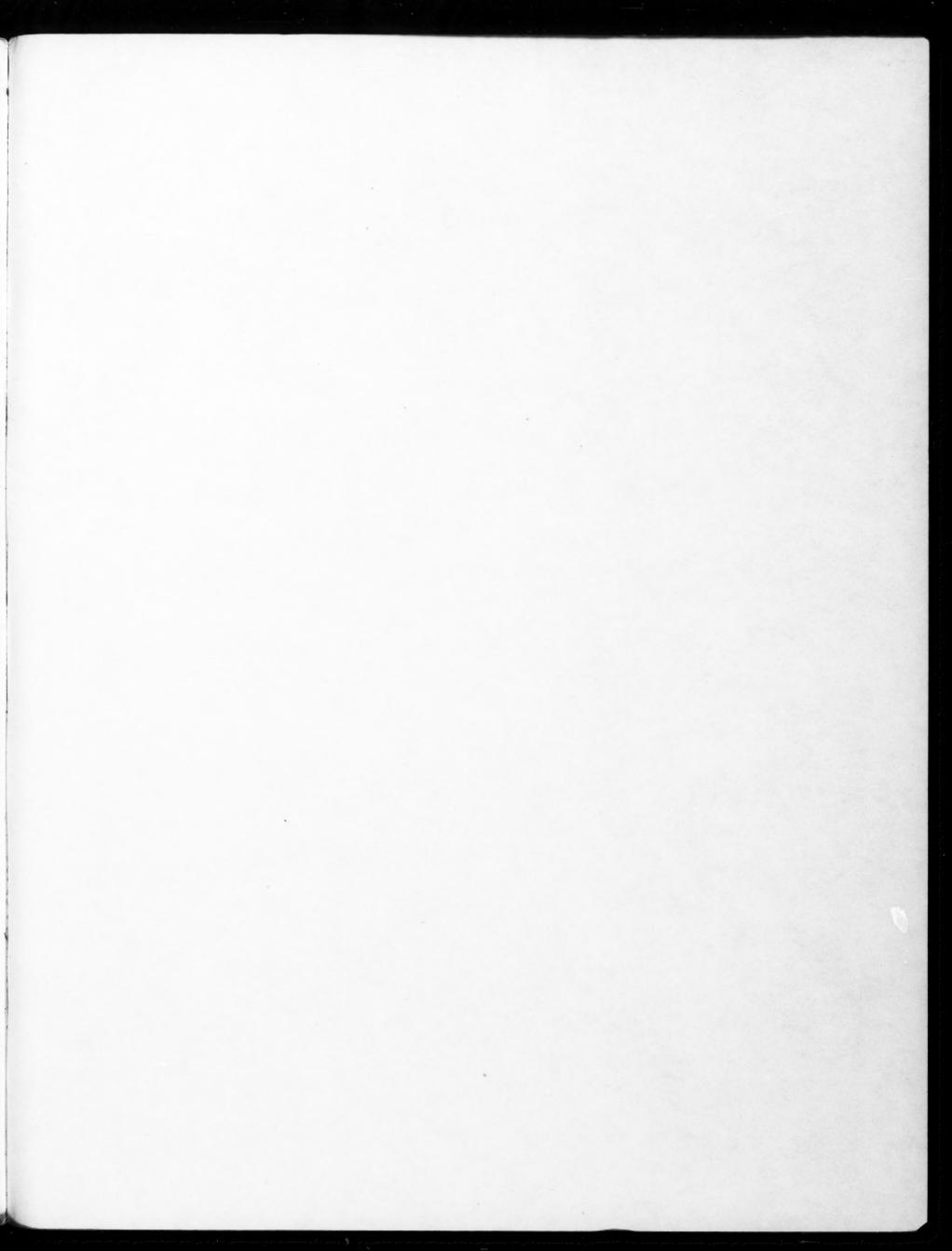
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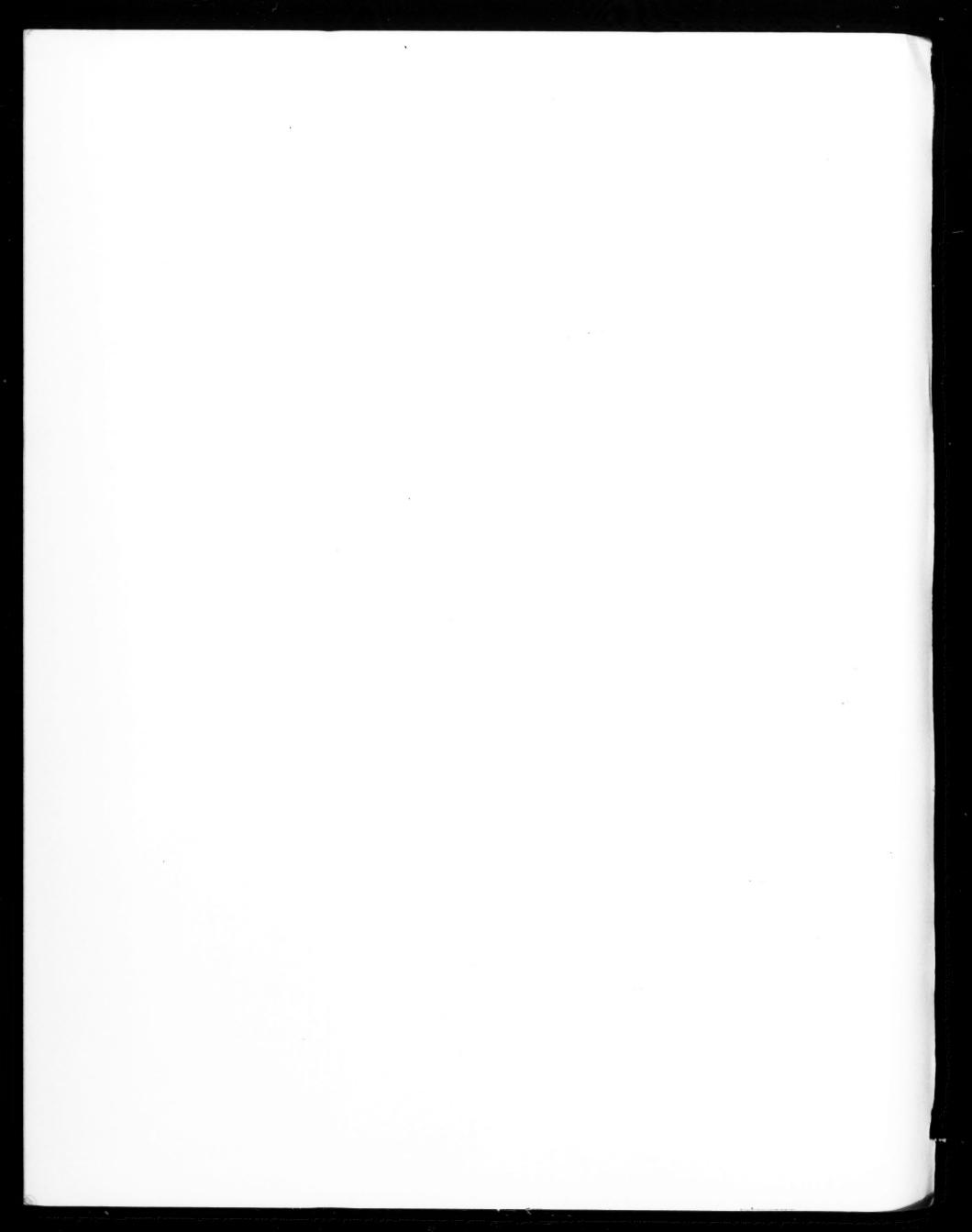
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